

Application No. 09/936,959
 Applicants: Herbert Schultze et al.
 Amendment in Response to Office Action dated September 4,

Amendments to the Claims:

The present listing of the claims replaces all past listings of the claims:

Listing of claims:

Claim 1. (Currently Amended) Rotary press with anti-rotation secured shafts and exchangeable punches attached thereto,

wherein comprising

~~the an~~ exchangeable punch (6, 7), ~~in each case, is executed in a rotational manner opposite its disposed rotatably about a~~ punch shaft, where

a connecting component residing in a circumferential recess (27, 30) ~~exists in the of a~~ stem (8, 9) of the punch (6, 7), into which a connecting component, in particular a spring thrust piece (4) engages for effecting a rotational connection of the punch with the punch shaft,

~~and that the a~~ shell surface of the exchangeable punch (6, 7) indicates comprising a first zone (1) which interacts with engages a second zone (29) of an external component (33) arranged location fixed at , wherein the second zone is fixed at a location the rotary press opposite the a punch circumference, and the external component interacts with the shell surface of the punch by ~~with a~~ force-locking or a positive locking effect in such a way that the punch (6, 7) receives a turning movement at a defined point of the a pitch circle of the punch circumference.

Application No. 09/936,959
Applicants: Herbert Schultze et al.
Amendment in Response to Office Action dated September 4,

Claim 2. (Currently Amended) Rotary press according to Claim 1,

wherein

the shell surface of the ~~upper and/or the lower punch (6,7)~~ indicates such a comprises the first zone (4) for interacting with zones interacting with the second zone (29) of the external component (33).

Claim 3. (Currently Amended) Rotary press according to Claim 1,

wherein

the external component (33) ~~for the upper punch (6) and the lower punch (7)~~ is separately adjustable in design and can be brought moveable into differently defined points of the pitch circle, ~~where and wherein~~ the external component (33) is radially positionable around the pitch circle of the punch circumference.

Claim 4. (Currently Amended) Rotary press according to Claim 1,

wherein

the external component (33) has a bearing location which is radially elastic.

Claim 5. (Currently Amended) Rotary press according to Claim 1,

wherein

a seal (36) ~~in the form of an element such as a labyrinth seal is envisaged for the purpose of sealing~~ seals a joint between the punch shaft (15, 16) and the rotational punch (6, 7).

Application No. 09/936,959
Applicants: Herbert Schultze et al.
Amendment in Response to Office Action dated September 4,

Claim 6. (Currently Amended) Rotary press according to Claim 1,

wherein

the ~~force locking or positive locking~~ first zone (1) of the shell surface of the exchangeable punch (6, 7) ~~interacting~~ interacts with the second zone (29) of the external component (33) ~~is executed as a separated and exchangeable element of~~ the punch (6, 7).

Claim 7. (Currently Amended) Rotary press according to Claims 1,

wherein

the ~~interacting~~ first and second zones (1, 29) of the shell surface and the external component (33) ~~are designed as~~ , respectively, comprise serration or as friction surfaces.

Claim 8. (Currently Amended) Rotary press according to Claim 7,

wherein

the serrations serration or friction surfaces of the interacting zones (1, 29) are low in mass and ~~are designed very elastically~~ elastic in the a circumferential direction.

Application No. 09/936,959
Applicants: Herbert Schultze et al.
Amendment in Response to Office Action dated September 4,

Claim 9. (Currently Amended) Rotary press according to Claim 8,

wherein

the second zone (29) of the external component (33) is executed as an elastically yielding spring element disposed in the a movement direction of the punch, and this being in such a way such that the the elastically yielding spring element can simultaneously absorb an occurring impact energy can be absorbed and, ensure simultaneously, a secure and reliable engagement into the first zone (4) of the shell surface of the punch (6, 7) is ensured.

Claim 10. (Currently Amended) Rotary press according to Claim 8,

wherein

the first zone (4) of the shell surface (4) of the punch (6, 7) indicates comprises a tooth profile such as a trapezoidal profile, saw tooth profile, adapted to the second zone (29) of the external component (33).

Claim 11. (Currently Amended) Rotary press according to Claim 8,

wherein

the second zone (29) of the external component (33) indicates several comprises at least two spring elements elements (37), lying one situated one behind the other in the a movement direction of the punch (6, 7) and arranged in a comb-like manner.

Application No. 09/936,959
Applicants: Herbert Schultze et al.
Amendment in Response to Office Action dated September 4,

Claim 12. (Currently Amended) Rotary press with anti-rotation secured shafts and ,
exchangeable punches and dies attached thereto, ~~as well as with dies,~~
wherein
the dies (44) are trunnion-supported and indicate comprise on their outer sides a
serration or a friction surface, which interacts with a second zone (29) of a an
external component (33) ~~arranged location-fixed at~~ which is fixed at a location
on the rotary press opposite the a punch circumference, in a force-locking or
positive locking manner, in such a way that the punch (6,7) receives a rotational
movement at a defined point of the a pitch circle of the a punch circumference.

Claim 13. (New) Rotary press according to Claim 1, wherein the connecting component is
a spring thrust piece.

Claim 14. (New) Rotary press according to Claim 5, wherein the seal is a labyrinth seal.

Claim 15. (New) Rotary press according to Claim 10, wherein the tooth profile is a
trapezoidal or a saw tooth profile.



Application No. 09/936,959
Applicants: Herbert Schultze et al.
Amendment in Response to Office Action dated September 4,

CONDITIONAL PETITION FOR EXTENSION OF TIME

If entry and consideration of the amendments above requires an extension of time, Applicants respectfully request that this be considered a petition therefor. The Commissioner is authorized to charge any fee(s) due in this connection to Deposit Account No. 14-1263.

ADDITIONAL FEE

Please charge any insufficiency of fees, or credit any excess, to Deposit Account No. 14-1263.

RECEIVED
FEB 19 2004